

1642

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/742,512

DATE: 04/30/2001  
TIME: 17:56:20

Input Set : A:\PTO.txt  
Output Set: N:\CRF3\04302001\I742512.raw

*pp 1-2*  
**Does Not Comply  
Corrected Diskette Needed**

3 <110> APPLICANT: Merial  
5 <120> TITLE OF INVENTION: COMPOSITIONS AND VACCINES CONTAINING ANTIGEN(S) OF CRYPTOSPORIDIUM  
PARVUM  
6 AND OF ANOTHER PATHOGEN  
8 <130> FILE REFERENCE: 454313-2541.2  
10 <140> CURRENT APPLICATION NUMBER: 09/742,512  
11 <141> CURRENT FILING DATE: 2000-12-20  
13 <150> PRIOR APPLICATION NUMBER: US 60/171,399  
14 <151> PRIOR FILING DATE: 1999-12-21  
16 <160> NUMBER OF SEQ ID NOS: 10  
18 <170> SOFTWARE: PatentIn version 3.0  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 35  
22 <212> TYPE: DNA  
C--> 23 <213> ORGANISM: Artificial *see item 11 on Error Summary Sheet*  
25 <220> FEATURE:  
26 <223> OTHER INFORMATION: primer  
28 <400> SEQUENCE: 1  
29 ttttttccat ggggctcgag ttttcgcttg tggtg 35  
32 <210> SEQ ID NO: 2  
33 <211> LENGTH: 33  
34 <212> TYPE: DNA  
C--> 35 <213> ORGANISM: Artificial  
37 <220> FEATURE:  
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40 <400> SEQUENCE: 2  
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45 <211> LENGTH: 35  
46 <212> TYPE: DNA  
C--> 47 <213> ORGANISM: Artificial  
49 <220> FEATURE:  
50 <223> OTHER INFORMATION: primer  
52 <400> SEQUENCE: 3  
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56 <210> SEQ ID NO: 4  
57 <211> LENGTH: 42  
58 <212> TYPE: DNA  
C--> 59 <213> ORGANISM: Artificial  
61 <220> FEATURE:  
62 <223> OTHER INFORMATION: primer  
64 <400> SEQUENCE: 4  
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68 <210> SEQ ID NO: 5  
69 <211> LENGTH: 35  
70 <212> TYPE: DNA  
C--> 71 <213> ORGANISM: Artificial  
73 <220> FEATURE:

## RAW SEQUENCE LISTING

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74 <223> OTHER INFORMATION: primer
76 <400> SEQUENCE: 5
77 ttttttccat ggggtccct atactagggtt attgg 35
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 45
82 <212> TYPE: DNA
C--> 83 <213> ORGANISM: Artificial
85 <220> FEATURE:
86 <223> OTHER INFORMATION: primer
88 <400> SEQUENCE: 6
89 ttttttctcg agcctgcagc ccggggatcc aacagatgca cgacg 45
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 33
94 <212> TYPE: DNA
C--> 95 <213> ORGANISM: Artificial
97 <220> FEATURE:
98 <223> OTHER INFORMATION: primer
100 <400> SEQUENCE: 7
101 ttttttctcg agttttcgct tgtgttgta c agc 33
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 65
106 <212> TYPE: DNA
C--> 107 <213> ORGANISM: Artificial
109 <220> FEATURE:
110 <223> OTHER INFORMATION: primer
112 <400> SEQUENCE: 8
113 ttttttccat ggggggttct catcatcatc atcatcatgg tctcgagttt tgcgttggt 60
115 tgtac 65
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119 <211> LENGTH: 64
120 <212> TYPE: DNA
C--> 121 <213> ORGANISM: Artificial
123 <220> FEATURE:
124 <223> OTHER INFORMATION: primer
126 <400> SEQUENCE: 9
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129 gttg 64
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133 <211> LENGTH: 31
134 <212> TYPE: DNA
C--> 135 <213> ORGANISM: Artificial
137 <220> FEATURE:
138 <223> OTHER INFORMATION: primer
140 <400> SEQUENCE: 10
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## VERIFICATION SUMMARY

DATE: 04/30/2001

PATENT APPLICATION: US/09/742,512

TIME: 17:56:21

Input Set : A:\PTO.txt

Output Set: N:\CRF3\04302001\I742512.raw

L:23 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
E:35 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:47 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:59 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:71 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5  
L:83 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6  
L:95 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7  
L:107 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8  
L:121 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9  
L:135 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10

# Raw Sequence Listing Error Summary

## ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/742,512

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1        Wrapped Nucleics      The number/text at the end of each line "wrapped" down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2        Wrapped Aminos      The amino acid number/text at the end of each line "wrapped" down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3        Incorrect Line Length      The rules require that a line not exceed 72 characters in length. This includes spaces.
- 4        Misaligned Amino Acid      The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs  
Numbering      between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5        Non-ASCII      This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.  
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6        Variable Length      Sequence(s)        contain n's or Xaa's which represented more than one residue.  
As per the rules, each n or Xaa can only represent a single residue.  
Please present the maximum number of each residue having variable length and  
indicate in the (ix) feature section that some may be missing.
- 7        PatentIn ver. 2.0 "bug"      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid  
sequence(s)       . Normally, PatentIn would automatically generate this section from the  
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section  
to the subsequent amino acid sequence. This applies primarily to the mandatory <220>-<223>  
sections for Artificial or Unknown sequences.
- 8        Skipped Sequences      Sequence(s)        missing. If intentional, please use the following format for each skipped sequence:  
(OLD RULES)      (2) INFORMATION FOR SEQ ID NO:X:  
                                 (i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")  
                                 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:  
                                 This sequence is intentionally skipped  
  
Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9        Skipped Sequences      Sequence(s)        missing. If intentional, please use the following format for each skipped sequence.  
(NEW RULES)      <210> sequence id number  
                                 <400> sequence id number  
                                 000
- 10        Use of n's or Xaa's      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
(NEW RULES)      Use of <220> to <223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11 ✓        Use of "Artificial"      Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules.  
(NEW RULES)      Valid response is Artificial Sequence.
- 12        Use of <220>Feature      Sequence(s)        are missing the <220>Feature and associated headings.  
(NEW RULES)      Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial Sequence" or "Unknown"  
Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
- 13        PatentIn ver. 2.0 "bug"      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted  
file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).  
Instead, please use "File Manager" or any other means to copy file to floppy disk.